

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/646,985A
Source: 1FW/6
Date Processed by STIC: 8/11/06

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 08/11/2006

PATENT APPLICATION: US/10/646,985A

TIME: 09:19:08

Input Set : A:\COTH-P03-504.TXT

Output Set: N:\CRF4\08112006\J646985A.raw

```

4 <110> APPLICANT: Hammond, Philip W.
5     Lipovsek, Dasa
7 <120> TITLE OF INVENTION: METHODS FOR PRODUCING NUCLEIC ACIDS
8     LACKING 3'-UNTRANSLATED REGIONS AND OPTIMIZING CELLULAR
9     RNA-PROTEIN FUSION FORMATION
11 <130> FILE REFERENCE: COTH-P03-504
13 <140> CURRENT APPLICATION NUMBER: US 10/646,985A
14 <141> CURRENT FILING DATE: 2003-08-21
16 <150> PRIOR APPLICATION NUMBER: US 09/910,518
17 <151> PRIOR FILING DATE: 2001-07-20
19 <150> PRIOR APPLICATION NUMBER: US 09/374,962
20 <151> PRIOR FILING DATE: 1999-08-16
22 <150> PRIOR APPLICATION NUMBER: US 60/096,818
23 <151> PRIOR FILING DATE: 1998-08-17
25 <160> NUMBER OF SEQ ID NOS: 8
27 <170> SOFTWARE: FastSEQ for Windows Version 4.0
29 <210> SEQ ID NO: 1
30 <211> LENGTH: 27
31 <212> TYPE: DNA
32 <213> ORGANISM: Unknown
34 <220> FEATURE:
35 <223> OTHER INFORMATION: oligonucleotide primer
37 <220> FEATURE:
38 <221> NAME/KEY: misc_feature
39 <222> LOCATION: 19, 20, 21, 22, 23, 24
40 <223> OTHER INFORMATION: n = A,T,C or G
42 <400> SEQUENCE: 1
W--> 43 gcttgctgga gtgcgagtnn nnnncta 27
45 <210> SEQ ID NO: 2
46 <211> LENGTH: 27
47 <212> TYPE: DNA
48 <213> ORGANISM: Unknown
50 <220> FEATURE:
51 <223> OTHER INFORMATION: oligonucleotide primer
53 <220> FEATURE:
54 <221> NAME/KEY: misc_feature
55 <222> LOCATION: 19, 20, 21, 22, 23, 24
56 <223> OTHER INFORMATION: n = A,T,C or G
58 <400> SEQUENCE: 2
W--> 59 gcttgctgga gtgcgagtnn nnnntta 27
61 <210> SEQ ID NO: 3
62 <211> LENGTH: 27
63 <212> TYPE: DNA

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```

64 <213> ORGANISM: Unknown
66 <220> FEATURE:
67 <223> OTHER INFORMATION: oligonucleotide primer
69 <220> FEATURE:
70 <221> NAME/KEY: misc_feature
71 <222> LOCATION: 19, 20, 21, 22, 23, 24
72 <223> OTHER INFORMATION: n = A,T,C or G
74 <400> SEQUENCE: 3
W--> 75 gcttgctgga gtgcgagtnn nnnntca 27
77 <210> SEQ ID NO: 4
78 <211> LENGTH: 28
79 <212> TYPE: DNA
80 <213> ORGANISM: Unknown
82 <220> FEATURE:
83 <223> OTHER INFORMATION: oligonucleotide primer
85 <220> FEATURE:
86 <221> NAME/KEY: misc_feature
87 <222> LOCATION: 27
88 <223> OTHER INFORMATION: h= A,C or T
90 <220> FEATURE:
91 <221> NAME/KEY: misc_feature
92 <222> LOCATION: 28
93 <223> OTHER INFORMATION: n = A,T,C or G
95 <400> SEQUENCE: 4
W--> 96 taatacgact cactataggg ggggggghn 28
98 <210> SEQ ID NO: 5
99 <211> LENGTH: 44
100 <212> TYPE: DNA
101 <213> ORGANISM: Unknown
103 <220> FEATURE:
104 <223> OTHER INFORMATION: oligonucleotide primer
106 <220> FEATURE:
107 <221> NAME/KEY: misc_feature
108 <222> LOCATION: 36, 37, 38, 39, 40, 41, 42, 43, 44
109 <223> OTHER INFORMATION: n = A,T,C or G
111 <400> SEQUENCE: 5
W--> 112 gccttatcgt catcgctcctt gtagtcgaaa ctagannnnnn nnnn 44
114 <210> SEQ ID NO: 6
115 <211> LENGTH: 36
116 <212> TYPE: DNA
117 <213> ORGANISM: Unknown
119 <220> FEATURE:
120 <223> OTHER INFORMATION: oligonucleotide primer
122 <220> FEATURE:
123 <221> NAME/KEY: misc_feature
124 <222> LOCATION: 28, 29, 30, 31, 32, 33, 34, 35, 36
125 <223> OTHER INFORMATION: n = A,T,C or G
127 <400> SEQUENCE: 6
W--> 128 ggacaattac tatttacaat tacaatgnnn nnnnnn 36

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Input Set : A:\COTH-P03-504.TXT

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130 <210> SEQ ID NO: 7
131 <211> LENGTH: 39
132 <212> TYPE: DNA
133 <213> ORGANISM: Unknown
135 <220> FEATURE:
136 <223> OTHER INFORMATION: oligonucleotide primer
138 <400> SEQUENCE: 7
139 taatacgact cactataggg acaattacta tttaacaatt 39
141 <210> SEQ ID NO: 8
142 <211> LENGTH: 33
143 <212> TYPE: DNA
144 <213> ORGANISM: Unknown
146 <220> FEATURE:
147 <223> OTHER INFORMATION: oligonucleotide primer
149 <400> SEQUENCE: 8
150 agaagatgcg cgatcgatcat cgctcttgta gtc 33

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/646,985A

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Input Set : A:\COTH-P03-504.TXT
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. ~~19,20,21,22,23,24~~
Seq#:2; N Pos. ~~19,20,21,22,23,24~~
Seq#:3; N Pos. ~~19,20,21,22,23,24~~
Seq#:4; N Pos. ~~28~~
Seq#:5; N Pos. ~~36,37,38,39,40,41,42,43,44~~
Seq#:6; N Pos. ~~28,29,30,31,32,33,34,35,36~~

VERIFICATION SUMMARY

DATE: 08/11/2006

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Input Set : A:\COTH-P03-504.TXT

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L:43 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:59 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:75 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:112 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0